

AMENDMENTS TO THE CLAIMS

1. (currently amended) A method for real time maintenance of database contents, in particular of files of a relational database, in particular DB2, the method comprising the steps of:

determining wherein the status of the contents of the database in real time content is determined using a database-integrated status monitor;

wherein status data of the determined statuses is output in real time using said database integrated status monitor,

analyzing the results of the status determination;

comparing the analyzed results wherein said output status data is analyzed and compared with comparison data; and

activating the wherein maintenance functions are mostly activated directly following a positive compare result.

2. (currently amended) The method of claim 1, wherein the step of comparing the analyzed results comprises comparing the analyzed results ~~characterized in that the comparison of status data with status threshold values is conducted~~, wherein said status threshold values represent data statuses indicating an execution of the maintenance functions for the respective database contents.
3. (currently amended) The method of claim 2, further comprising the step of adjusting ~~characterized in that~~ said status threshold values for different database content, and/or groups of database content and/or different maintenance functions, ~~are adjusted~~ respectively.
4. (currently amended) The method of claim 2, further comprising the steps of setting ~~characterized in that~~ at least one rigid status threshold value is set; setting that ~~that~~ at least one soft status threshold value is set; activating that ~~the maintenance function is activated~~ when the soft status threshold value is reached and further criteria apply; and activating that ~~the maintenance function is activated~~ immediately when the rigid status threshold value is reached.
5. (currently amended) The method of claim 1, wherein the database contents are in a system and further comprising the step of defining ~~characterized in that~~ restrictions related to the system, time, data and/or application ~~are defined~~ for the execution of maintenance functions in which an immediate execution of a maintenance function is suppressed at least temporarily,
6. (currently amended) The method of claim 1, ~~characterized in that~~ wherein the real time activation of the maintenance functions causes direct execution, its transfer

to a job scheduler, or a call of database utilities-.

7. (previously presented) The method of claim 1, characterized in that the executed maintenance functions are logged and a maintenance log is produced.

8. (currently amended) A device, set up to execute a method according to claim 1, said device comprising:

~~with~~ a database unit ~~for the operation of~~ in which the a relational database is stored,

~~wherein~~ said database unit ~~comprises~~ comprising maintenance means for executing maintenance functions, and

monitoring means for monitoring and reading out ~~status~~ data indicative about of the determined status of the contents of the database content stored in said database unit,

~~with~~ a monitoring unit for monitoring said output ~~status~~ data,

wherein said monitoring unit comprises means for analyzing said status data and for comparing said status data with comparison data, and

~~wherein said monitoring unit comprises~~ output means for directly outputting instruction for the activation of said maintenance means for executing a maintenance utility.

9. (previously presented) A computer program with an implementation of a method of claim 1 for a computer.

10. (previously presented) A computer program product with a computer program of claim 9 or with instructions for executing a method of claim 1.